

**REMARKS**

Claims 1-90 are pending in the application. Claims 1, 34 and 54 are independent claims.

In the referenced office action, election was required between the following three groups of claims:

- I. Claims 1-33 drawn to an apparatus for use in a borehole, classified in class 324, subclass 338;
- II. Claims 34-53 drawn to a system for use in a borehole, classified in class 324, subclass 366; and
- III. Claims 54-90 drawn to a method of determining a parameter of an earth formation, classified in class 702, subclass 7.

The scope of the restriction requirement was discussed with the Examiner on May 20, 2005 at which time he indicated that election between one of the three groups was sufficient. Applicant elects to pursue claims 1-33 from group I.

Claims 34-90 have been canceled. New claims 91-93 have been added. These are dependent on claim 1 and include limitations found in claim 34.

No new matter has been added by the amendments. Reconsideration of the application as amended is respectfully requested in view of the remarks submitted on

April 22, 2005 wherein the substantive issues raised in the office action of February 3, 2005 were addressed.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 02-0429 (414-34391-US).

Respectfully submitted,



Dated: May 20, 2005

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